

AMENDMENTS TO THE CLAIMS

Please amend claim 1 as indicated below.

Please cancel claims 2 - 5 without prejudice or disclaimer.

Please enter new claims 6 - 12 as shown below.

1. (Currently amended) A general short-range remote control ~~alerting~~ system ~~consisting of comprising:~~

at least one receiver device;

at least one transmitter or encoder device in communication adapted to communicate with the at least one receiver or decoder device, is characterized in which each the transmitter or encoder device has having a factory pre-set communication protocol that includes data arranged in a four quadric or higher format, the communication protocol adapted to remain unchanged in response to built in fixed unique identification (ID) code, which does not change due to power supply interruption;

the receiver or decoder device including utilizes a memory device, the memory of which will not change due to power supply interruption and adapted to can be read or written or re-written to store a quadric or higher ID code[[s]] from the various transmitter device during a programming mode transmitters or encoder devices;

wherein the transmitter device is adapted to generate a 1.2 second data stream including the quadric or higher ID code to be received by the receiver, the 1.2 second data stream conforming to the communication protocol and including data arranged in a four quadric or higher format; and

a microprocessor in the receiver that is adapted to respond if the quadric or higher ID code received from the transmitter device matches a quadric or higher ID code stored in the receiver
~~whereas the transmitter or encoder device transmits ID code to the receiver or decoder device, and upon matching, the receiver or decoder device causes pre-defined functions to be performed, such as a musical tune to be played or a light to be activated or de-activated.~~

2-5. Canceled

6. (New) The system of claim 1, wherein the communication protocol comprises an ID code, an OEM code, a product code, a repeat product code, a channel code, a repeat channel code, a battery code and a repeat battery code.

7. (New) The system of claim 1, wherein the transmitter device includes an application specific integrated circuit (ASIC).

8. (New) The system of claim 7, wherein the quadric or higher ID code is fused into the transmitter during IC manufacturing.

9. (New) The system of claim 1, wherein the transmitter device includes a microprocessor having a built-in a flash ROM or a built-in external EEPROM.

10. (New) The system of claim 9, wherein the quadric or higher ID code is loaded into the transmitter during IC manufacturing.

11. (New) The system of claim 1, wherein the microprocessor in the receiver is adapted to interface with an EEPROM or flash ROM, such that the receiver can be programmed by depressing buttons on the receiver.

12. (New) The system of claim 1, wherein the receiver interprets a channel code and a product code within the data stream to determine the response.